

ABSTRACT OF THE DISCLOSURE

An oscillator includes a transistor having a collector receiving a power supply voltage, a first capacitor connected between a base and an emitter of
5 the transistor, a second capacitor connected between the first capacitor and ground, a resistor connected between the collector and base of the transistor, a first inductor connected between the base of the transistor and ground, and a second inductor connected
10 to the emitter of the transistor and the first inductor.